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(54) Title: Method of compilation

(57) Abstract: A method for partitioning large computer programs and or algorithms at least part of which is to be executed by an array of reconfigurable units such as ALUS, comprising the steps of defining a maximum allowable size to be mapped onto the array, partitioning the program such that its separate parts minimize the overall execution time and providing a mapping onto the array not exceeding the maximum allowable size is described.

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